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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/601,639	06/23/2003	GREGOR KUBART	P2000,0353	1449
24131	7590	09/27/2004	EXAMINER	
LERNER AND GREENBERG, PA P O BOX 2480 HOLLYWOOD, FL 33022-2480			LOWE, MICHAEL S	
			ART UNIT	PAPER NUMBER
			3652	

DATE MAILED: 09/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/601,639	<b>Applicant(s)</b> KUBART, GREGOR	
	<b>Examiner</b> M. Scott Lowe	<b>Art Unit</b> 3652	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 June 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-19 is/are allowed.
- 6) ☒ Claim(s) 1-8 and 11-13 is/are rejected.
- 7) ☒ Claim(s) 9 and 10 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-8,11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martin (US 6,591,162).

Re claim 1, Martin teaches a container 20 for at least one of storing and transporting at least one semiconductor product 82, the container comprising:  
a housing 24, containing:  
a support region (not numbered) supporting said housing when standing on substantially even ground;  
a load/unload region 22 for loading and/or unloading the semiconductor product;  
a cover region 24 (figure 3A) enclosing the semiconductor product from at least two directions; and

second support members (figures 2, 3A) positioned at predefined positions of said housing and engageable with first support members forming part of a loadport (figure 3B) to which said housing is couplable to and marking elements (column 4, lines 30-44; column 8, lines 65-67, column 9, lines 1-24) marking reference points of the container and disposed on said housing. Martin is silent as to reference points having predefined positions relative to said second support members. However, since the systems are automated and mass produced it would follow that the markers (sensors,

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bar codes, etc.) would not be haphazardly placed as they would need to be located to be read and during production the machines would need to be preprogrammed with all component dimensions to build the device. Therefore, It would have been obvious to one of ordinary skill in the art at the time the invention was made to have the reference points have predefined positions relative to all parts of the container in order to be able to construct the device.

Re claims 2,3, Martin does not state how many surface have markers although there must be at least two (sensors on the bottom and bar codes would need not to be on a bottom in order to be read). It would have been obvious to one of ordinary skill in the art at the time the invention was made to place markers on as many or few surfaces as needed to ensure that they can be easily found or read.

Re claim 4, Martin teaches bar codes, sensors, etc. which are three-dimensional.

Re claims 5-7, Martin teaches markings that are optical, contrasted and reflective.

Re claim 8, Martin is silent as to whether the bar codes are labels but since it is well known for bar codes to be applied as labels, It would have been obvious to one of ordinary skill in the art at the time the invention was made to have applied the bar codes as labels in order to allow them to be easily removed in case of misprints.

Re claims 11,12, Martin teaches the second support members (grooves) connected to the support region (figure 3A).

Re claim 13, Martin teaches the housing forming a FOUP.

***Allowable Subject Matter***

Claims 14-19 are allowed.

Claims 9, 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

Applicant's arguments, filed 6/29/04, with respect to claims 9,10,14-19 have been fully considered and are persuasive. The rejections of these claims have been withdrawn.

Applicant's arguments regarding the remaining claims filed 6/29/04 have been fully considered but they are not persuasive.

Applicant argued that Martin did not teach marking elements and that a bar code cannot mark a local position of a reference point. However, Martin reads on the rejected claims as they are currently written. The bar codes, etc., mark information as to what and where the carrier connections are as well as the type of carrier which includes predefined dimensional position information.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

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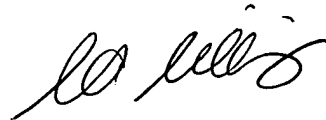
mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M. Scott Lowe whose telephone number is 703-305-1940. The examiner can normally be reached on 6:30am-4:30pm M,Tu,Th,F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen Lillis can be reached on 703-308-3248. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

msl



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